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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/539,335	06/15/2005	Matthew Breitwisch	BUR920020012US1	7363
32074 7590 10/31/2007 INTERNATIONAL BUSINESS MACHINES CORPORATION DEPT. 18G BLDG. 300-482 2070 ROUTE 52 HOPEWELL JUNCTION, NY 12533			EXAMINER	
			SCHILLINGER, LAURA M	
			ART UNIT	PAPER NUMBER
			2813 .	
		•	MAIL DATE	DELIVERY MODE
			10/31/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)			
Office Action Summary	10/539,335	BREITWISCH ET AL.			
omee neuen cammary	Examiner	Art Unit			
The MAILING DATE of this communication app	Laura M. Schillinger	2813			
Period for Reply	ears on the cover sheet with the	e correspondence address			
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period was precised to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATI 36(a). In no event, however, may a reply be vill apply and will expire SIX (6) MONTHS for cause the application to become ABANDO	ON. The timely filed The mailing date of this communication. The mailing date of this communication.			
Status					
1) Responsive to communication(s) filed on 18 Oc	<u>ctober 2007</u> .				
2a) ☐ This action is FINAL . 2b) ☑ This	This action is FINAL . 2b)⊠ This action is non-final.				
	☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is				
closed in accordance with the practice under E	x parte Quayle, 1935 C.D. 11,	453 O.G. 213.			
Disposition of Claims					
 4) Claim(s) 1-24 is/are pending in the application. 4a) Of the above claim(s) 10-24 is/are withdraw 5) Claim(s) is/are allowed. 6) Claim(s) 1,2,4-6 and 8 is/are rejected. 7) Claim(s) 1,3,7 and 9 is/are objected to. 8) Claim(s) are subject to restriction and/or 	n from consideration.				
Application Papers					
9) The specification is objected to by the Examine					
10) The drawing(s) filed on is/are: a) acce					
Applicant may not request that any objection to the					
Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Ex		-			
Priority under 35 U.S.C. § 119					
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority documents 2. Certified copies of the priority documents 3. Copies of the certified copies of the prior application from the International Bureau * See the attached detailed Office action for a list	s have been received. s have been received in Applic rity documents have been rece u (PCT Rule 17.2(a)).	ation No vived in this National Stage			
Attachmont/c)					
Attachment(s) 1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413)					
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date 6/15/05. 	Paper No(s)/Mai 5) Notice of Informa 6) Other:	I Date al Patent Application			

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DETAILED ACTION

Election/Restrictions

Claims 10-24 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected claims, there being no allowable generic or linking claim. Election was made **without** traverse in the reply filed on 10/18/07.

Claim Objections

Claims 1 is objected to because of the following informalities: Claim 1 contains multiple transistional terms "comprising" which makes it unclear where the preamble ends and the claimed limitations begin. This further confuses what language should be afforded patentable weight. Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-2, 4-6, 8 are rejected under 35 U.S.C. 102(e) as being anticipated by Hu et al ('802).

Hu teaches the following claimed limitations as cited below:

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1. An integrated circuit, comprising;

a first transistor (44), comprising:

a first gate region (46) comprised of a semiconductor structure on a substrate (Fig.3/4/5); and a first body region comprised of a semiconductor layer, having a first channel region (C) disposed on the first gate region (Fig.3/4/5) and a source (S) and drain (D) formed on either side of the

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first channel region (Fig.3/4/5); and a second transistor (42) coupled to the first transistor,

comprising:

a second body region comprised of the semiconductor structure, having a second channel region

(C) and a source (S) and drain (D) formed on either side of the second channel region

(Fig.3/4/5); and a second gate region (46) comprised of the semiconductor layer, disposed on the

second channel region (Fig.3/4/5).

(Note Fig.3 shows the source channel and drain regions which are formed but not labeled in

subsequent figures 4 and 5)

2. The integrated circuit of claim 1, wherein the semiconductor structure (100, 102) comprises a

silicon fin (Fig.6).

4. The integrated circuit of claim 1, wherein the drain of the first transistor is connected to the

gate of the second transistor by the semiconductor layer (Fig.3/4/5).

5. The integrated circuit of claim 1, further comprising a third transistor, wherein the third

transistor comprises: a third body region comprised of the semiconductor structure, having a

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third channel region and a source and drain formed on either side of the third channel region; and a third gate region comprised of the semiconductor layer, disposed on the third channel region (Fig.6).

- 6. The integrated circuit of claim 5, wherein the gate of the first transistor is connected to the drain of the third transistor by the semiconductor structure (Fig.6).
- 8. The integrated circuit of claim 1, further comprising an underpass, wherein the underpass allows a portion of the semiconductor structure having a first doping type to insulatively pass under a portion of the semiconductor layer having the first doping type (Fig.2F).

Allowable Subject Matter

Claims 3, 7 and 9 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Laura M. Schillinger whose telephone number is (571) 272-1697. The examiner can normally be reached on M-T, R-F 7:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carl W. Whitehead, Jr. can be reached on (571) 272-1702. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

10/27/07

Laura M Schillinger Primary Examiner Art Unit 2813